



# DEPARTMENT OF EDUCATION

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C21-361

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Secretary of Education  
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## MEMORANDUM OF UNDERSTANDING

### BETWEEN

UNIVERSITY OF MARYLAND EASTERN SHORE

### AND THE

DELAWARE DEPARTMENT OF EDUCATION  
On Behalf of Local Education Agencies in the State Of Delaware

July 1, 2020 – June 30, 2023

The Delaware Department of Education (DDOE) and University of Maryland Eastern Shore enter into this articulation agreement in order to facilitate the enrollment of students from the Delaware Project Lead the Way Engineering, Career and Technical Education State Model Program of Study into the University of Maryland Eastern Shore, a constituent of the University System of Maryland and agency of the State of Maryland. This agreement is in effect from July 1, 2020 through June 30, 2023.

Subject to terms of this agreement, when a student completes the following coursework as part of an approved state model Career and Technical Education program at the secondary level, the student may enter in the Technology and Engineering Education, Bachelor of Science degree program at the University of Maryland Eastern Shore (UMES) with the articulated credits specified below, resulting in advanced standing.

Program of Study Course (s):	CIP Code	1-1 Articulation (Y/N)	UMES Course Code:	UMES Course Title:	Number of Credits:
1. Introduction to Engineering Design	15.0160211	N	EDTE 121	Principles of T & E Education	3
2. Principles of Engineering	15.0160222				
3. One specialization course					
* Aerospace Engineering; or	15.0160243				
* Civil Engineering and Architecture; or	15.0160253				
* Digital Electronics; or	15.0160263				
* Engineering Design and Development	15.0160233				

#### Course Articulation Clarifications:

- This option only applies to Delaware Comprehensive School Districts
- Students who complete the Project Lead the Way (PLTW) Engineering program of study, earning an 80% or above in *Introduction to Engineering Design*, *Principles of Engineering* and one of the four PLTW specialization courses, will receive credit for Principles of T&E Education (3 credits) upon enrollment and acceptance at the University of Maryland Eastern Shore.

- Students must complete the coursework specified herein and pass the identified PLTW End of Course Assessment with the minimum passing score for each End of Course Assessment as defined by PLTW terms for student proficiency

Program of Study Course (s):	CIP Code	1-1 Articulation (Y/N)	UMES Course Code:	UMES Course Title:	Number of Credits:
1. Introduction to Engineering Design	15.0180311	N	EDTE 121	Principles of T & E Education	3
2. Principles of Engineering	15.0180322				
3. Aerospace Engineering	15.0180333				
4. Civil Engineering and Architecture	15.0180344				
5. Digital Electronics; and	15.0180355		EDTE 122	Intro to Design for T & E Education	3
6. Engineering Design and Development	15.018036				

**Course Articulation Clarifications:**

- This option only applies to Delaware Technical School Districts
- Students who complete the Project Lead the Way (PLTW) Engineering program of study, earning an 80% or above in *Introduction to Engineering Design*, *Principles of Engineering*, *Aerospace Engineering*, *Civil Engineering and Architecture*, *Digital Electronics* and *Engineering Design and Development* will receive credit for *Principles of T&E Education* (3 credits) and *Introduction to Design for Technology and Engineering Education* (3 credits) upon enrollment and acceptance at the University of Maryland Eastern Shore.
- Students must pass the identified PLTW End of Course Assessment with the minimum passing score for each End of Course Assessment as defined by PLTW terms for student proficiency

**The terms of this agreement are as follows:**

**Delaware Local Education Agency (LEA)/Delaware Department of Education will:**

- Submit, have approved, and make available the Delaware Project Lead the Way Engineering Career & Technical Education (CTE) state model program of study in accordance with Delaware Department of Education requirements;
- Communicate details of this agreement to LEA Career and Technical Education leadership and educators engaged in the teaching and advisement processes, in addition to the Delaware Office of Higher Education;
- Invite UMES to participate in the review process for this program of study;
- Award separately, and in conjunction with UMES, any credits earned as part of the program of study through Dual Enrollment or Dual Credit; and
- Provide UMES with a list of students meeting the requirements under this agreement on or around July 15 annually.

**Students will:**

- Complete the coursework specified herein, earning a minimum grade of 80% in each course;

- Complete the coursework specified herein and pass the identified PLTW End of Course Assessment with the minimum passing score for each End of Course Assessment as defined by PLTW terms for student proficiency;
- Earn a passing grade in each course(s) in districts utilizing a Pass/Fail grading system; and
- Meet the admission dates, procedures, and requirements that apply to all new students at UMES.

**University of Maryland Eastern Shore will:**

- Award the agreed upon number of academic and/or technical credits for a period of up to three (3) years following high school graduation or GED conference;
- Ensure credits are recorded on the student transcript;
- For a period of three (3) years from date of award, accept articulated credits/courses from other postsecondary institutions with corresponding articulation agreements, in not less than the equivalent manner (and/or where applicable to the degree) as if said credits/courses would have been directly awarded through articulation;
- Communicate details of this agreement to all stakeholders, which includes but is not limited to, academic leadership, department chair(s), faculty and adjunct faculty, customer service staff, program managers, career development office, and admissions;
- Notify the Delaware Department of Education Postsecondary Program Education Associate of any program discontinuances or substantive changes and plans to accommodate impacted students;
- Provide the Delaware Department of Education Postsecondary Program Education Associate with the number of students matriculating from the Delaware CTE program of study into the University of Maryland Eastern Shore with advanced standing under this agreement on March 1 annually; and
- Award separately, and in conjunction with the applicable school district or charter, any credits earned as part of the program of study through Dual Enrollment or Dual Credit.

**For University of Maryland Eastern Shore:**

DocuSigned by:  
  
 7/7/2020 | 2:27 PM PDT  
 Dr. Heidi Anderson Date  
 President, University Maryland Eastern Shore

DocuSigned by:  
  
 7/7/2020 | 5:39 PM EDT  
 Dr. Nancy Niemi Date  
 Provost, Academic Affairs

DocuSigned by:  
  
 7/7/2020 | 2:07 PM EDT  
 Dr. Derrek Dunn Date  
 Dean, School of Business and Technology


  
 6/10/2020  
 Dr. Kenny Fotouhi Date  
 Chair, Department of Technology


Thomas Loveland 6/10/2020  
 Dr. Thomas Loveland Date  
 Coordinator, Technology & Engineering  
 Education BS Program

**For Department of Education:**

  
 9/17/2020  
 Associate Secretary, Operations Support

  
 9/17/2020  
 Kim D. Klein Date  
 Director of Finance

  
 7/14/2020  
 Monica Minor Gant, Ph.D. Date  
 Associate Secretary, Academic Support

  
 7/13/20  
 Luke Rhine Date  
 Director, Career and Technical Education

MOB